What is claimed is:

1. A taking-up device for winding a web around a core, said taking-up device comprising:

a press member for pressing a leading portion of said web against a peripheral surface of said core; and

a revolving mechanism for performing a circular motion of said press member along the peripheral surface of said core in synchronism with a rotation of said core until said leading portion of said web makes one revolution around said core and is just about to be wound in a stack condition.

2. A taking-up device according to claim 1, wherein said web is one of a photo film and a photographic paper, said taking-up device being incorporated in a film scanner and a photographic printer to take up said photo film and said photographic paper.

3. A taking-up device according to claim 2, wherein said press member is a nip roller.

4. A taking-up device according to claim 3, further comprising:

a take-up shaft to which said core is fixed; and

a first motor for rotating said take-up shaft.

5. A taking-up device according to claim 4, wherein said revolving mechanism comprises:

an arm rotatably attached to said take-up shaft, said arm rotatably supporting said nip roller; and

a second motor for rotating said arm.

6. A taking-up device according to claim 5, wherein said arm comprises a first arm and a second arm, said first arm is attached to said take-up shaft, and said second arm is rotatably attached to said first arm via a supporting-point shaft, said nip roller being attached to a top end of said second arm.

7. A taking-up device according to claim 6, further comprising:

a moving means for moving said second arm between a first position and a second position, said second arm being folded relative to said first arm in said first position so as to press said nip roller against said core, and said second arm straightening with said first arm in said second position so as to prevent said nip roller from disturbing one of the photo film and the photographic paper to be wound.

8. A taking-up device according to claim 7, wherein said moving means moves said second arm from the first position to the second position after said leading portion of one of the photo film and the photographic paper has made one revolution around said core and has been stacked.

9. A taking-up device according to claim 8, wherein said moving means comprises:

a torsion spring for connecting said second arm and said supporting-point shaft;

a third motor for rotating said supporting-point shaft, said second arm being rotated via said torsion

spring when the third motor rotates the supporting-point shaft.

10. A taking-up device according to claim 9, further comprising:

a guide member for guiding said leading portion of one of the photo film and the photographic paper toward said core.

11. A taking-up device according to claim 10, further comprising:

a guide retracting means for keeping said guide member away from one of the photo film and the photographic paper, said guide retracting means evacuating said guide member from one of the photo film and the photographic paper after said leading portion of one of the photo film and the photographic paper has been interposed between said nip roller and said core.

12. A taking-up device according to claim 11, wherein said guide retracting means comprises:

a rack attached to said guide member, a side of said rack being formed with a rack gear extending in a moving direction of said guide member;

a first gear for meshing with said rack gear; and

a fourth motor for driving said first gear.

13. A taking-up device according to claim 12, wherein said arm is formed with an elliptic hole along which said nip roller is moved to nip the leading portion of one of the photo film and the photographic paper.